

Spectrums Handbook For General Studies Paper I Upsc Civil Services Preliminary Examination 2015

Use this guide to identify students with ASD, organize the classroom; manage time; promote independence, communication, and appropriate behaviors; and select visual strategies, tools, and curriculum resources.

The newest edition of the most comprehensive handbook on autism and related disorders Since the original edition was first published more than a quarter of a century ago, *The Handbook of Autism and Pervasive Developmental Disorders, Volume 1: Diagnosis, Development, and Brain Mechanisms*, has been the most influential reference work in the field of autism and related conditions. The new, updated Fourth Edition takes into account the changes in the disorders' definitions in the DSM-V and ICD-10 that may have profound implications for diagnosis and, by extension, access to services. Along with providing practical clinical advice—including the role of psychopharmacology in treatment—the handbook codifies the ever-expanding current body of research throughout both volumes, offering a wealth of information on the epidemiology of autism and the genetic, environmental, biochemical, social, and neuropathological aspects of the disorder. Volume 1 includes: Information on outcomes in adults with autism spectrum disorders A range of issues and interventions important from infancy, through adolescence and beyond for individuals with autism spectrum disorders Current information about play development, including skills, object play, and interventions Coverage of the state of genetic, biochemical, and neuropathological autism research Chapters on psychopharmacology and medical care in autism and related conditions The new edition includes the relevant updates to help readers stay abreast of the state of this rapidly evolving field and gives them a guide to separate the wheat from the chaff as information about autism proliferates.

This handbook details best practices and discusses ongoing challenges in assessment and diagnosis of autism spectrum disorder (ASD). Chapters address assessment and diagnostic protocols, developmental considerations in ASD assessment, and issues concerning comorbid psychological and medical conditions. Various aspects of the disorder are emphasized throughout the handbook - from assessment in adolescent and adult populations to the latest findings in neuropsychology. The book concludes with future directions for research and clinical applications, focusing on universal screening, improved assessment methods, and earlier and more accurate diagnosis. Topics featured in this handbook include: Types of ASD assessment. Report writing for ASD evaluations. Stress and satisfaction in the diagnostic process. Clinical and neuropsychological perspectives from comorbid diagnosis of ASD and ADHD. Executive functions in ASD. *The Handbook of Assessment and Diagnosis of Autism Spectrum Disorder* is an essential reference for researchers, clinicians, professionals, and graduate students in clinical child and school psychology, child and adolescent psychiatry, and social work as well as rehabilitation medicine/therapy, behavioral therapy, pediatrics, and educational psychology. This handbook examines the medical and therapeutic needs of individuals with autism spectrum disorder (ASD) and the effectiveness of treatments that are delivered through interdisciplinary teams. It analyzes the impact of interdisciplinary teams on assessment, diagnosis, treatment planning, and implementation and explores how evidence-based treatments can be developed and implemented. Chapters describe the wide-ranging effects of ASD and the challenges individuals and their family members face when seeking treatment. In addition, chapters provide an overview of the comorbidities and related disorders that often accompany ASD, including neurodevelopmental disorders, medical and behavioral problems, and psychopathology. The handbook also discusses the critical importance of caregivers in the treatment team as experts in their child's strengths, problem areas, and functioning. Topics featured in this handbook include: Legal considerations in interdisciplinary treatments. Ethical considerations in the development and implementation of interdisciplinary teams. Evidence-based interdisciplinary treatment and evaluation considerations. The role of primary care physicians and subspecialty pediatricians within interdisciplinary teams. The impact of school psychologists related to assessment and intervention development. Vocational interventions that promote independence in individuals with ASD. *The Handbook of Interdisciplinary Treatments for Autism Spectrum Disorder* is a must-have resource for researchers, clinicians and professionals, and graduate students across such interrelated disciplines as clinical child, school, and developmental psychology, child and adolescent psychiatry, social work, rehabilitation medicine/therapy, pediatrics, and special education.

Spectrum's Handbook of General Studies Paper - II (UPSC Civil Services Preliminary Examination).Spectrum's Handbook of General Studies (UPSC Civil Services Preliminary Examination)Spectrum's Handbook of General Studies Paper - I (UPSC Civil Services Preliminary Examination).Spectrum's Handbook of General Studies (for UPSC Civil Services Preliminary Examination)General Studies: A Gist of NCERT Syllabus for Union and State Public Services ExaminationsMcGraw-Hill Education

This book brings together for the first time research informing leadership practice in special education from preschool through transition into post-secondary settings. It provides comprehensive coverage of 1) disability policy 2) leadership knowledge, 3) school reform, and 4) effective educational leadership practices. Broader in scope than previous books, it provides in-depth analysis by prominent scholars from across the disciplines of both general and special education leadership. Coverage includes historical roots, policy and legal perspectives, and content supporting collaborative and instructional leadership that support the administration of special education. Comprehensive – This is the first book to integrate the knowledge bases of special education and educational leadership as these fields impact school improvement and the performance of students with disabilities. Chapter Structure – Chapters provide a review of the knowledge base as well as recommendations for special education leadership and future research. Multicultural Focus – Addressing special education leadership within the context of a multicultural society, chapters incorporate content related

to the diversity of families, teachers, and students. Expertise – Chapter authors have made significant contributions to the knowledge base in their specific areas of study such as educational policy, special education law and finance, school reform, organizational management, and instructional leadership. This book is a reference volume for scholars, leaders, and policy makers and a textbook for graduate courses in special education, educational administration, and policy studies.

Very Good, No Highlights or Markup, all pages are intact.

The Oxford Handbook of Obsessive Compulsive and Spectrum Disorders reviews current literature on obsessive compulsive disorder (OCD) and its associated spectrum conditions, including body dysmorphic disorder (BDD), hoarding, trichotillomania, tic disorders, and Tourette's Syndrome. Authored by leading experts in these fields, these 27 chapters summarize and synthesize current findings, providing a guide for researchers and clinicians to understand and effectively treat these conditions. Individual chapters address the most relevant topics on the subject, including: comprehensive review of the phenomenology and the epidemiology of OCD, BDD, hoarding, trichotillomania, and tic disorders- expert analysis of the biological features of these conditions, including genetic factors, neurological features, and cognitive processing models for understanding how people with OCD and spectrum conditions respond to information- examination of family and social relationships and personality features, specifically how these factors can affect an individual with an OC spectrum disorder, especially older adults, children, and adolescents- detailed analysis of newer experimental therapies for treating complex spectrum disorders- challenging research issues and understudied aspects of these complex psychiatric problems, especially hoarding. Packed with compelling topics, this authoritative volume provides a roadmap for the field and opens the door to new research and further study.

During a chance night shift on the cops beat, newsroom assistant Madeleine Harrington stumbles on the corruption story of a lifetime – a plot that would reshape the entire city. She teams up with her dad, a downtrodden columnist at the paper, to unearth the mystery. The muckrakers find the plot goes deeper – and contains more skeletons among the city's powerbrokers – than they imagined.

General Studies: A First Handbook for Technical Students deals with liberal, general, social and English studies. This handbook narrates the author's reminiscences of childhood in a large Welsh industrial town at the beginning of the Great War, about his grandpa, his first day in school, and the time when he takes his eleven plus test. At Technical College, he studies mathematics, Workshop Technology, and attends further studies to become a qualified technician. He explains how not to get lost in a library and recommends some books that are well worth reading. He finds a job when he reaches 15 years of age as an apprentice at the Pirelli plant at Burton. In his job, he becomes aware of the possibilities of accidents and discusses the major responsibilities an employer has toward his employees. He also explains what effective communication is, and how to use technical description and explanations. He writes about the impact of the "goggle box" or television, the miracle of newspaper publishing, as well as the problems of the younger generation. General readers who like autobiography with a mixture of humor and personal philosophies will find this book entertaining.

This book on Corporate Governance attempts an in-depth coverage of all possible dimensions of corporate governance, particularly from the perspectives of the corporate board and stakeholders – the two pillars of corporate governance. It also covers the inter-related aspects of different functional areas of management from the financial perspective; along with allied areas of Business Ethics and Corporate Social Responsibility (CSR). Further, this book highlights the concepts and practices of corporate governance from an Indian business environment viewpoint; but with an international focus. Salient Features: Each chapter begins with a running case study to introduce the topic better.

Updated coverage on important topics such as Corporate Governance of Board, Architecture and Diversity, Corporate Goal Maximization, Stewardship, Business Ethics and CSR. Includes latest and regulatory aspects of Corporate Governance

Pratiyogita Darpan (monthly magazine) is India's largest read General Knowledge and Current Affairs Magazine. Pratiyogita Darpan (English monthly magazine) is known for quality content on General Knowledge and Current Affairs. Topics ranging from national and international news/ issues, personality development, interviews of examination toppers, articles/ write-up on topics like career, economy, history, public administration, geography, polity, social, environment, scientific, legal etc, solved papers of various examinations, Essay and debate contest, Quiz and knowledge testing features are covered every month in this magazine.

This Handbook approaches Chinese Studies from an interdisciplinary perspective while attempting to establish a fundamental set of core values and tenets for the subject, in relation to the further development of Chinese Studies as an academic discipline. It aims to consolidate the current findings in Chinese Studies, extract the essence from each affiliated discipline, formulate a concrete set of ideas to represent the 'Chineseness' of the subject, establish a clear identity for the discipline and provide clear guidelines for further research and practice. Topics included in this Handbook cover a wide spectrum of traditional and newly added concerns in Chinese Studies, ranging from the Chinese political system and domestic governance to international relations, Chinese culture, literature and history, Chinese sociology (gender, middle class, nationalism, home ownership, dating) and Chinese opposition and activism. The Handbook also looks at widening the scope of Chinese Studies (Chinese psychology, postcolonialism and China, Chinese science and climate change), and some illustrations of innovative Chinese Studies research methods. The Routledge Handbook of Chinese Studies is an essential reference for researchers and scholars in Chinese Studies, as well as students in the discipline.

Current rates of autism diagnoses have been cause for concern and research as well as rumor and misinformation. Important questions surround the condition: how early can an accurate diagnosis be made? At what age should intervention start? How can parents recognize warning signs? And what causes autism in the first place? There are no easy answers, but the Handbook of Early Intervention for Autism Spectrum Disorders gives researchers, practitioners, and academics the science and guidance to better understand and intervene.

Background chapters survey the history of professional understanding of the disorders and the ongoing debate over autism as a single entity or a continuum. Chapters on best methods in screening, assessment, and diagnosis reflect the transition between the DSM-V and older diagnostic criteria. And at the heart of the book, the intervention section ranges from evidence-based strategies for developing core skills to ethical concerns, cultural considerations, and controversial treatments. Included in the Handbook's broad-based coverage: Designing curriculum programs for children with autism spectrum disorders (ASD). Mainstream education for children with ASD. Teaching independent living skills to children with ASD. Social skills and play. Behavioral and mental health disorders in children with ASD. Training and supporting caregivers in evidence-based practices. Teaching cognitive skills to children with ASD. The Handbook of Early Intervention for Autism Spectrum Disorders is a comprehensive reference for researchers, professors, and graduate students as well as clinicians and other scientist-practitioners in clinical child and school psychology, child and adolescent psychiatry, social work, rehabilitation, special education, and pediatric medicine.

Children with autism spectrum disorders are increasingly being educated in inclusive general education classrooms. For optimal results, teachers need to know as much as possible about autism and the teaching methods and modifications that work best for these students. This is a huge undertaking for time-crunched general education teachers, many of whom may never have had a student with autism before. Now teachers can turn to "Autism in Your Classroom" for the information and guidance they need. Written by two neuropsychologists with extensive clinical and classroom experience, this new book is a concise, easy-to-read guide developed for primary school teachers. Part I provides a complete overview of the types, causes, characteristics, and treatments of autism spectrum disorders. It also explains various secondary characteristics of autism that create challenges for

students, such as sensory abnormalities, behavioural issues, and limited social skills and peer interaction. Part II focuses on the student in the classroom: It covers a variety of strategies to manage learning and behaviour, such as: Modifying classwork and homework; Helping with language difficulties; Using visual strategies; Keeping students focused and organised; Teaching reading and math; Using positive reinforcement and rewards; Handling challenging behaviour; Explaining autism to other students; Teaching social skills in the classroom; Balancing the needs of typical and special students. Part III features two useful case studies. Both stem from the authors' hands-on work and consultation with teachers, students, and parents. The book concludes with an appendix of frequently asked questions about children with autism asked by educators.

"The family elements in the story - the real struggles with marriage, raising a family, making a living, and just trying to enjoy life - have broadened the book's appeal to a wider audience, primarily women who are not into technology." DARK END OF SPECTRUM will make you think twice before turning on your cell phone or PDA! DARK END OF THE SPECTRUM is a frighteningly plausible and headline ripping tale of the real threats that loom in cyberspace and beyond with a Michael Crichton realism. Based on the author's years of research into the hacker culture. DARK END OF THE SPECTRUM is a thriller that will connect with everyone with a cell phone, PDA or wireless device. When a group of digital terrorists known as ICER take over the US power grid and the cell phone network, they give the government an ultimatum - bomb the borders of Afghanistan and Pakistan with nuclear weapons to put an end to Al-Quada or they will start downing commercial airliners. When the government refuses, ICER destroys most of the downed aircraft in airports all over the country. When ICER sends a pulse that will kill millions on the East Coast, only security expert Dan Riker can stop them, but ICER has kidnapped Dan's family. Will Dan save his family or will millions die?

Adolescence is a challenging stage for all individuals, especially for those with Autism Spectrum Disorder (ASD). Individuals with ASD face increased social isolation and engage in more challenging behaviors during adolescence. They also experience increased mental health challenges including anxiety and depression, and they are among the least likely of any disability group to attend college, be competitively employed, or live independently. At the same time, adolescents with ASD face a major shift in available services and support as they exit the K-12 educational system. The need to present what is known about this group in order to inform clinicians, researchers, and educators cannot be understated. Adolescents with Autism Spectrum Disorder synthesizes current science on adolescents and young adults with ASD in order to inform mental health practitioners and education professionals who work directly with these individuals. While early childhood interventions for ASD have been extensively developed and tested, research on adolescents and young adults with ASD has lagged behind until recently. This comprehensive handbook can be utilized to train students and professionals in applied mental health roles. The handbook includes three sections: Part I reviews diagnosis and treatment of adolescents with ASD; Part II details how to support their educational needs; and Part III discusses special populations including college students and young women. Chapters highlight recommendations for clinicians and include study questions and additional resources.

The Handbook of Intellectual Disability and Clinical Psychology Practice will equip clinical psychologists in training with the skills necessary to complete a clinical placement in the field of intellectual disability. Building on the success of the previous edition this handbook has been extensively revised. Throughout, the text, references, and website addresses and have been updated to reflect important developments since the publication the first edition. Recent research findings on the epidemiology, aetiology, course, outcome, assessment and treatment of all psychological problems considered in the book have been incorporated into the text. Account has been taken of changes in the diagnosis and classification of intellectual disability and psychological problems reflected in the AAIDD-11 and the DSM-5. New chapters on the assessment of adaptive behaviour and support needs, person-centred active support, and the assessment of dementia in people with intellectual disability have been added. The book is divided into eight sections: Section 1: Covers general conceptual frameworks for practice - diagnosis, classification, epidemiology and lifespan development. Section 2: Focuses on assessment of intelligence, adaptive behaviour, support needs, quality of life, and the processes of interviewing and report writing. Section 3: Covers intervention frameworks, specifically active support, applied behavioural analysis and cognitive behaviour therapy. Section 4: Deals with supporting families of children with intellectual disability, genetic syndromes and autism spectrum disorders. Section 5: Covers issues associated with intellectual disability first evident or prevalent in middle childhood. Section 6: Deals with adolescent concerns including life skills training, relationships and sexuality. Section 7: Focuses on residential, vocational and family-related challenges of adulthood and aging. Section 8: Deals with professional issues and risk assessment. Chapters cover theoretical and empirical issues on the one hand and practice issues on the other. They close with summaries and suggestions for further reading for practitioners and families containing a member with an intellectual disability. Where appropriate, in many chapters, practice exercises to aid skills development have been included. The second edition of the Handbook of Intellectual Disability and Clinical Psychology Practice is one of a set of three volumes which cover the lion's share of the curriculum for clinical psychologists in training in the UK and Ireland. The other two volumes are the Handbook of Child and Adolescent Clinical Psychology, Third Edition (by Alan Carr) and the Handbook of Adult Clinical Psychology Practice, Second Edition (edited by Alan Carr & Muireann McNulty).

General Studies, Paper 1 – A Gist of NCERT Syllabus (for Union and State Public Service Commission) is a compilation of the basic, essential knowledge of all the subjects covered in the Civil Services Paper 1 syllabus. As every aspirant knows, the NCERT books are a must-read for acquiring this knowledge and information. This book puts together, in a reader-friendly format, the entire syllabus of the Prelims from NCERT books of Class VI onwards. - General Science and Technology - Indian Polity and Constitution - Indian Economy - Geography - History

Many of us absorbed the rules for being male or female from our families and the culture in which we grew to adulthood. We formed beliefs about a man's role and a woman's role based on what we observed and experienced; mostly, those beliefs had to do with what men and woman did rather than who they were. Our ideas about what constitutes "masculine" and "feminine", by now outdated and inadequate, have led to a precarious imbalance both in our inner lives and in our external lives of relating to men and women. The result? A gender war. In *Joining Forces*, Jeanie Miley explains that our deeply ingrained gender expectations have created an imbalance in our emotional and spiritual lives and have kept us from becoming our most authentic selves. *Joining Forces* will help readers discover the masculine and feminine characteristics that connect, unite, and restore us—traits that men and women alike can and do express. By joining our masculine and feminine strengths, we restore our own souls, our creative energies, and our own true, essential natures.

This handbook provides a comprehensive review of the numerous factors associated with treatments for children, youth, and

adults with autism spectrum disorder (ASD). It offers in-depth analysis of evidence-based treatments for young children, providing coverage on interventions within social skills training, school curricula, communication and speech training, and augmentative communication. It also covers treatments for adolescents and adults, including vocational programs, social integration programs, and mental health resources. Chapters also review several popular interventions such as functional behavior analysis, sensory integration therapy, early intensive behavioral interventions (EIBI), and floor time. In addition, the Handbook discusses standards of practice, focusing on ethical issues, review boards, training concerns, and informed consent. Topics featured in the Handbook include: Training for parents of individuals diagnosed with ASD. Treatment of socially reinforced problem behavior. Comorbid challenging behaviors. Post-secondary education supports and programs for adults. The TEACCH Program for people with ASD. Treatment of addiction in adults with ASD. Diet and nutrition based treatments targeted at children with ASD. The Handbook of Treatments for Autism Spectrum Disorder is a must-have reference for researchers, clinicians/professionals, and graduate students in clinical child, school, and developmental psychology, child and adolescent psychiatry, and social work as well as rehabilitation medicine/therapy, behavioral therapy, pediatrics, and educational psychology.

Recent developments in the conceptualization of externalizing spectrum disorders, including attention-deficit/hyperactivity disorder, conduct disorder, antisocial personality disorder, and substance use disorders, suggest common genetic and neural substrates. Despite this, neither shared vulnerabilities nor their implications for developmental models of externalizing conduct are captured by prevailing nosologic and diagnostic systems, such as the DSM-5. The Oxford Handbook of Externalizing Spectrum Disorders is the first book of its kind to capture the developmental psychopathology of externalizing spectrum disorders by examining causal factors across levels of analysis and developmental epochs, while departing from the categorical perspective. World renowned experts on externalizing psychopathology demonstrate how shared genetic and neural vulnerabilities predispose to trait impulsivity, a highly heritable personality construct that is often shaped by adverse environments into increasingly intractable forms of externalizing conduct across development. Consistent with contemporary models of almost all forms of psychopathology, the Handbook emphasizes the importance of neurobiological vulnerability and environmental risk interactions in the expression of externalizing behavior across the lifespan. The volume concludes with an integrative, ontogenic process model of externalizing psychopathology in which diverse equifinal and multifinal pathways to disorder are specified.

The purpose of the Handbook of Special Education is to help profile and bring greater clarity to the already sprawling and continuously expanding field of special education. To ensure consistency across the volume, chapter authors review and integrate existing research, identify strengths and weaknesses, note gaps in the literature, and discuss implications for practice and future research. The second edition has been fully updated throughout to take into account recent changes to federal laws as well as the most current academic research, and an entirely new section has been added on research methods in special education.

This book presents the fundamentals of wireless communications and services, explaining in detail what RF spectrum management is, why it is important, which are the authorities regulating the use of spectrum, and how is it managed and enforced at the international, regional and national levels. The book offers insights to the engineering, regulatory, economic, legal, management policy-making aspects involved. Real-world case studies are presented to depict the various approaches in different countries, and valuable lessons are drawn. The topics are addressed by engineers, advocates and economists employed by national and international spectrum regulators. The book is a tool that will allow the international regional and national regulators to better manage the RF spectrum, and will help operators and suppliers of wireless communications to better understand their regulators.

This book discusses various aspects of cost accounting – cost ascertainment, cost analysis, and managerial decision making – in a logical and comprehensive manner. The new edition provides lots of Indian cases and excel templates to solve the problems and illustrations.

Salient Features: New 19 Indian cases Excel templates to provide solution to the numerical problems at the end of each chapter Text and chapter end problems are thoroughly revised to meet the requirements of students in both PG and UG level courses

The latest and most comprehensive resource on autism and related disorders Since the original edition was first published more than a quarter-century ago, The Handbook of Autism and Pervasive Developmental Disorders has been the most influential reference work in the field. Volume 2 of this comprehensive work includes a wealth of information from the experts in their respective specialities within the larger field of autism studies: Assessment, Interventions, and Social Policy Perspectives. Within the three sections found in Volume 2, readers will find in-depth treatment of: Screening for autism in young children; diagnostic instruments in autism spectrum disorders (ASD); clinical evaluation in multidisciplinary settings; assessing communications in ASD; and behavioral assessment of individuals with autism, including current practice and future directions Interventions for infants and toddlers at risk; comprehensive treatment models for children and youth with ASD; targeted interventions for social communication symptoms in preschoolers with ASD; augmentative and alternative communication; interventions for challenging behaviors; supporting mainstream educational success; supporting inclusion education; promoting recreational engagement in children with ASD; social skills interventions; and employment and related services for adults with ASD Supporting adult independence in the community for individuals with high functioning ASD; supporting parents, siblings, and grandparents of people with ASD; and evidence-based psychosocial interventions for individuals with ASD Special topic coverage such as autism across cultures; autism in the courtroom; alternative treatments; teacher and professional training guidelines; economic aspects of autism; and consideration of alternative treatments The new edition includes the relevant updates to help readers stay abreast of the state of this rapidly evolving field and gives them a guide to separate the wheat from the chaff as information about autism proliferates.

The fourth edition of Autism Spectrum Disorders: Identification, Education, and Treatment continues the mission of its predecessors: to present a comprehensive, readable, and up-to-date overview of the field of autism; one that links research, theory, and practice in ways that are accessible to students, practitioners, and parents. During the last decade, autism spectrum disorders (ASD) have emerged as the fastest growing developmental disability, and, in response to the dramatic increase in diagnoses, diagnostic criteria in the newly published DSM-5 are significantly different than they were in the DSM IV-R. The structure, content, and format of Autism Spectrum Disorders, 4th Edition have been revised to accommodate changes in the field and to illuminate the current state of the art in the study of autism. New information on early identification, transition education from adolescence through to adulthood, neurobiological research, and technology-based solutions is included.

Presents a guide to autism spectrum disorders with information on its historical and cultural influences, controversies related to vaccines, treatment choices, and access to services.

This handbook identifies the various social deficiencies widely associated with children and youth diagnosed with autism spectrum disorder (ASD). It discusses possible causes as well as the lifelong effects if these deficiencies are not addressed. The handbook presents current behavioral and curriculum-based methods for assessing social deficits. Chapters examine the various interventions that have been used to improve social skills and behavior, including video modeling, peer-mediated interventions, and script fading. Chapters also assess various interventions using empirically based procedures, evaluate the research of each of these procedures, provide guidelines for treatment planning, and offer clinical recommendations. The handbook concludes with future directions for the development of both social behavior and clinical social skills interventions. Topics featured in the Handbook include: Impairments in social behavior that may result in negative outcomes such as depression, loneliness, and suicide in individuals with ASD. Bullying among youth with ASD. Behavioral skills training to

promote social behavior of individuals with ASD. The Early Start Denver Model approach to helping young children with ASD. The implementation of social skills groups for individuals diagnosed with ASD. The Handbook of Social Skills and Autism Spectrum Disorder is a must-have resource for researchers, clinicians/professionals, and graduate students in clinical child, school, and developmental psychology, behavioral therapy, and social work, as well as such interrelated disciplines as child and adolescent psychiatry, rehabilitation medicine/therapy, pediatrics, and special education/educational psychology.

The Routledge Handbook of the History of the Middle East Mandates provides an overview of the social, political, economic, and cultural histories of the Middle East in the decades between the end of the First World War and the late 1940s, when Britain and France abandoned their Mandates. It also situates the history of the Mandates in their wider imperial, international and global contexts, incorporating them into broader narratives of the interwar decades. In 27 thematically organised chapters, the volume looks at various aspects of the Mandates such as: The impact of the First World War and the development of a new state system The impact of the League of Nations and international governance Differing historical perspectives on the impact of the Mandates system Techniques and practices of government The political, social, economic and cultural experiences of the people living in and connected to the Mandates. This book provides the reader with a guide to both the history of the Middle East Mandates and their complex relation with the broader structures of imperial and international life. It will be a valuable resource for all scholars of this period of Middle Eastern and world history.

A wide variety of biomedical photonic technologies have been developed recently for clinical monitoring of early disease states; molecular diagnostics and imaging of physiological parameters; molecular and genetic biomarkers; and detection of the presence of pathological organisms or biochemical species of clinical importance. However, available information on this rapidly growing field is fragmented among a variety of journals and specialized books. Now researchers and medical practitioners have an authoritative and comprehensive source for the latest research and applications in biomedical photonics. Over 150 leading scientists, engineers, and physicians discuss state-of-the-art instrumentation, methods, and protocols in the Biomedical Photonics Handbook. Editor-in-Chief Tuan Vo-Dinh and an advisory board of distinguished scientists and medical experts ensure that each of the 65 chapters represents the latest and most accurate information currently available.

A few disorders have some of the same symptoms as schizophrenia including schizoaffective disorders, schizophreniform disorder, schizotypal and schizoid personality disorders, delusional disorder, and autism (schizophrenia spectrum disorders). Since the 2000 there has been significant progress in our understanding of the early presentations, assessment, suspected neuropathology, and treatment of these disorders. Recent technological breakthroughs in basic sciences hold promise for advancing our understanding of the pathophysiology of schizophrenia spectrum disorders. This collective monograph reviews recent researches regarding the origins, onset, course, and outcome of schizophrenia spectrum disorders. In particular, this book will be illustrate new developments in terms of conceptual models, and research methodology, genetics and genomics, brain imaging and neurochemical studies, neurophysiology and information processing in schizophrenia spectrum disorders patients. Also will be highlighted new developments in our understanding of the childhood psychosis, prodromal and first-episode states, in treatment and rehabilitation. Thus, the purpose of this book is to provide up-to-date overview of the rapid advances made in the clinical and basic science studies supporting our understanding of the relationship between cerebral processes and clinical, cognitive and other presentations of the schizophrenia spectrum disorders. In addition, this book aims to monitor important research developments, which may be relevant to treatment, and rehabilitation of patients.

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